

Florida Engineering and Field Services Group, llc.

A Subsidiary of Southeast Contractors Unlimited

“ Exceeding Expectations “



Are you looking for a company that will provide you with more than just a short-term solution?

Florida Engineering & Field Services Group (Florida E & FS Group) collaborates with our clients to provide long-term solutions and partners with you every step of the way. We are Ideally positioned to help you with all of your network design and build needs, our engineers and consultants have the technical knowledge and industry expertise to help you minimize risk, manage technology implementation, and determine the most cost-effective approach to delivering a solid Return on your Investment.

As an engineering, consulting and construction management firm,

Florida Engineering & Field Services Group provides integrated services to the commercial, communications, power, and infrastructure markets from conception to completion.

Florida E & FS Group provides Distribution Engineering Design Services that are part of sag study projects, transmission line rebuilds and re-ratings. These areas of concern include clearance to ground issues, interference by additional structures, crossing lines and other Distribution and Transmission facilities.

Florida E & FS Group resolves Distribution clearance issues through an initial field assessment to provide feasibility of the initial remedy. In addition to a completed engineering design, overall project coordination, including all third party utilities, is provided throughout the construction of the design.

We are a specialized consulting-engineering firm that provides state-of-the-art engineering and design services for telecom carriers, utilities, cable/broadband service providers, municipalities, educational institutions and large private enterprises.

Our services also include professional engineering, strategic consulting and analysis, and voice, data, video and wireless communications network design, as well as implementation services.

COMMUNICATIONS INFRASTRUCTURE ENGINEERING

Florida E & FS Group provides turnkey structured cabling and wireless design and installation solutions for outside plant, inside plant, security, A/V, and wireless infrastructures. By combining years of practical experience with our advanced technical skills, we deliver detailed, customer-specific technology infrastructure design, implementation, maintenance, and emergency restoration. We have established partnerships with industry-leading manufacturers and distributors to ensure the highest quality standards-based solutions and timely delivery of material and equipment.

Services include:

- Audits and needs analysis
- Infrastructure design
- Pathway selection, engineering and permitting
- Voice/data/fiber OSP & ISP installation
- New construction
- Renovations and moves/adds/changes



Low Voltage Outside Plant Engineering

Florida E & FS Group provides comprehensive Outside Plant (OSP) engineering and field services. We lead you through a step-by-step process, from the initial OSP design to staking, public ROW procurement, contract and construction management, turn-up, testing and final acceptance. Our experience in utility construction influences designs resulting in an end-product that “builds easier” thus keeping overall costs down. We are dedicated to delivering a

seamless, digital OSP engineering process creating a more efficient implementation. Whether you are seeking engineering engagement for a small project or a large turn-key project, Florida E & FS Group is dedicated to your success by delivering accurate, timely, and cost effective OSP engineering services.

Low Voltage Detailed Engineering

Florida E & FS Group's detail engineers can provide drawings for customer records and specifications for installation teams. Our Detail Engineers deliver:

- Site Surveys
- Installation Specifications
- Floor Plans and Equipment Drawings
- Assignment Records and Database Updates

Low Voltage Equipment and Optical Design

Our Equipment Engineering Design Team conducts a detailed analysis of the existing network and create a cost-effective design based on requirements and future needs with consideration for all network components, including Outside Plant and Central Office Facilities for FTTx applications and services.

Equipment Recommendation and Contract/Plans and Specifications We are knowledgeable on many platforms and have cultivated relationships with key product vendors who supply routing, switching, access, transport, wireless and other equipment to the service provider market segment. Whether you just need an expert recommendation for the right gear, based on an expert analysis of your requirements, or assistance with procurement, Florida E & FS Group delivers.

We assist you with Equipment Contracts and Plans & Specifications and manage the bid process by evaluating the bids, checking the references and performance bonds of the responders, technical reviews and providing recommendations for the acceptance of the bid.

- Detailed Plans and Specifications
- Contract Administration and Management Services
- Management of the Competitive Bid Process, Bid Analysis, and Recommendation

FTTx and OSP Design

Our OSP Design group is involved with fiber-optic cable systems in FTTx (Active Ethernet and PON) designs for direct buried, aerial and duct bank installation.

Our Services include:

- OSP Review for Optimum Utilization of Existing Infrastructure Plant
- Area Coverage Survey (ACS) Maps Detailing the Location of all service locations (residential, business, future growth), potential Fiber Distribution Cabinets, Access Terminals
- OSP Designs for Centralized and Distributed fiber distribution Models
- Cable Schematics with Cabinet Placement and Access Terminal Designs
- Mapping and Design for Primary Feeder and Secondary Distribution Cable Plant
- Test Inspections to Verify Compliance with FTTx PON Specifications and Architectural Design Components

***CONTACT US TODAY TO SEE HOW WE CAN BE A COST
EFFECTIVE ASSET TO YOUR COMPANY***

(352) 504-0204